

## ABSTRACT

The present invention provides an industrially safe,  
5 easily operable process for producing an optically active epoxy  
alcohol derivative useful as an intermediate for pharmaceuticals  
from inexpensively available materials, and also provides a novel  
halohydrin derivative serving as an important intermediate for  
the epoxy alcohol derivative. Furthermore, the present invention  
10 provides a process for producing an intermediate for a triazole  
antifungal agent by allowing a halohydrin to react with a triazole  
sulfonamide, the process including a small number of steps. A  
process for producing an optically active epoxy alcohol derivative  
includes allowing an optically active  $\alpha$ -substituted propionate  
15 derivative to react with a haloacetic acid derivative in the  
presence of a base to prepare an optically active haloketone  
derivative, allowing the resulting haloketone derivative to react  
with an aryl metal compound to stereoselectively prepare a  
halohydrin derivative, eliminating a substituent for the hydroxy  
20 group of the halohydrin derivative, and performing epoxidation  
with a base. Furthermore, a process for producing an intermediate  
for a triazole antifungal agent includes allowing a halohydrin  
derivative to react with a triazole sulfonamide, the process  
including a small number of steps.